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PTO/SB/05 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 2102397-992080

First Inventor Lin, Fong-Long, et al.

Title MICROCONTROLLER HAVING EMBEDDED NON-VOLATILE.....

Express Mail Label No. EL 904925743 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

U.S. Patent and Trademark Office
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
Applicant claims small entity status.
See 37 CFR 1.27.
2. ☐
3. ☒ Specification [Total Pages: 29]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table or a computer program listing appendix
 - Background of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1] INFORMAL
5. Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies; or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
16. ☐
17. ☒ Other: Check No.: 495109/\$ 932.00
Check No. 499208/\$ 40.00

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
Prior application information. Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been incorporated from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

26379

or ☒ Correspondence address below

Name	David L. Alberti				
Address	Gray Cary Ware & Freidenrich				
	1755 Embarcadero Road				
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Country	US	Telephone	650/833-2052	Fax	650/320-7401

NAME (Print/Type)	David L. Alberti	Registration No. (Attorney/Agent)	43,465
Signature	[Signature]		Date 1/17/2002

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Lin, Fong-Long, et al.
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	2102397-992080

TOTAL AMOUNT OF PAYMENT (\$) 972.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 07-1896
Deposit Account Name _____

- ☒ Charge Any additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

☒ **Payment Enclosed: Check #495109 & 499208**

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	740	201	370	Utility filing fee	740.00
		106	330	206	165	Design filing fee	
		107	510	207	255	Plant filing fee	
		108	740	208	370	Reissue filing fee	
		114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
26	-20** = 6	18	108.00
Independent Claims	4	-3** = 1	84
Multiple Dependent		0	0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		103	18	203	9	Claims in excess of 20
		102	84	202	42	Independent claims in excess of 3
		104	280	204	140	Multiple dependent claim, if not paid
		109	80	209	42	** Reissue independent claims over original patent
		110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 192.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

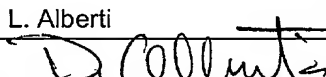
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205	65	Surcharge - late filing fee or oath	
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
		139	130	139	130	Non-English specification	
		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
		112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
		115	110	215	55	Extension for reply within first month	
		116	400	216	200	Extension for reply within second month	
		117	920	217	460	Extension for reply within third month	
		118	1,440	218	720	Extension for reply within fourth month	
		128	1,960	228	980	Extension for reply within fifth month	
		119	320	219	160	Notice of Appeal	
		120	320	220	160	Filing a brief in support of an appeal	
		121	280	221	140	Request for oral hearing	
		138	1,510	138	1,510	Petition to institute a public use proceeding	
		140	110	240	55	Petition to revive - unavoidable	
		141	1,280	241	640	Petition to revive - unintentional	
		142	1,280	242	640	Utility issue fee (or reissue)	
		143	460	243	230	Design issue fee	
		144	620	244	310	Plant issue fee	
		122	130	122	130	Petitions to the Commissioner	
		123	50	123	50	Processing fee under 37 CFR 1.17(q)	
		126	180	126	180	Submission of Information Disclosure Stmt	
		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
		179	740	279	370	Request for Continued Examination (RCE)	
		169	900	169	900	Request for expedited examination of a design application	

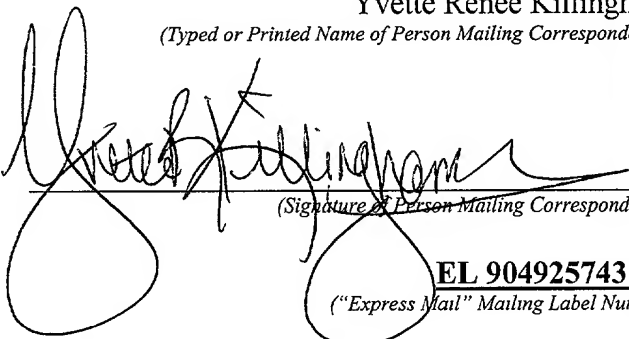
Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	David L. Alberti	Registration No. (Attorney/Agent)	43,465
Signature		Telephone	650/833-2052
		Date	January 17, 2002

2002-01-23 10:23:00

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. 2102397-992080
Applicant: Fong-Long Lin and Wei Xu			
Serial No. Not Yet Assigned	Filing Date Herewith	Examiner N/A	Group Art Unit N/A
Invention: MICROCONTROLLER HAVING EMBEDDED NON-VOLATILE MEMORY WITH READ PROTECTION			
<p>I hereby certify that this <u>UTILITY PATENT APPLICATION</u> <small>(Identify type of correspondence)</small> is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Assistant Commissioner for Patents and Trademarks, Box Patent Application, Washington, D.C. 20231, on January 17, 2002.</p> <p style="text-align: right;">Yvette Renée Killingham <small>(Typed or Printed Name of Person Mailing Correspondence)</small></p> <p style="text-align: center;"> <small>(Signature of Person Mailing Correspondence)</small></p> <p style="text-align: right;">EL 904925743 US <small>("Express Mail" Mailing Label Number)</small></p>			
<p>Note: Each paper must have its own certificate of mailing.</p>			